## Service sign on

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Abstract of **EP1126663**

Service Sign On ("SSO") is applicable, to applications on an IP internetworking infrastructure. The functionality of the SSO enables telecommunications network operators to: Exercise control over the access of an individual user to the broadband IP network even if connectionless transmission mode is used, account for the usage duration and communication volume of an individual user; implement access and service policy on how the user uses the network resources, and acquire information about the access devices used by individual users in connection to the network. The SSO has the following unique features and advantages over other solutions: no need to use further gateway on top of the IP internetworking infrastructure for user access management; no need to use any additional layer channel protocol for access management; and effective use of the existing network facility to establish access management on a particular user, such as bandwidth control, user priority administration, control over the access device connection, and service quality control.

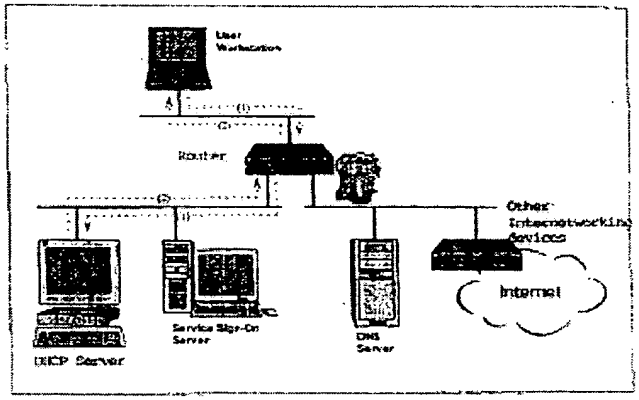


Figure 1

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